

Report Date: 03 Nov 2014

Summary Report for Individual Task
011-228-2230
Perform Platform Landing/Takeoff Operations (OH-58A/C)
Status: Approved

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD5 - This product/publication has been reviewed by the product developers in coordination with the Fort Rucker foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

Condition: In an OH-58A/C helicopter with a helicopter platform or simulated platform with before landing/takeoff check completed. Some iterations of this task should be performed in MOPP 4.

Standard: 1. Apply appropriate common standards.2. P*.a. Landing from a HVR, establish a HVR altitude of 3 feet +/- 1 foot above platform level.b. Takeoff to a HVR, establish a HVR altitude of 3 feet +/- 1 foot above platform.

Special Condition: None

Safety Risk: Medium

MOPP 4: Sometimes

Task Statements

Cue: None

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: None

Performance Steps

1. Crew actions.

a. The P* will announce intent to perform platform landing/takeoff operations. The P* will clear the aircraft, maintain visual reference outside the aircraft and ensure platform stability. The crew will monitor the closure rate during approach and landing. The P* will direct the P to assist as necessary and will announce termination of the maneuver. After landing, do not attempt to reposition the aircraft.

b. The P will acknowledge all announcements or instructions and advise of any deviation not announced by the P*. The P will remain focused primarily outside the aircraft to assist in drift detection and aircraft clearance.

2. Procedures.

a. The P* will perform the following actions:

(1) Landing from a HVR. From a stabilized HVR, decrease the collective and establish a constant approach angle to touchdown while making corrections with the pedals and cyclic to maintain a constant heading and ground track. After initial contact with the platform, ensure that the aircraft remains stable while smoothly decreasing the collective until the entire WT of the aircraft rests on the platform.

(2) Takeoff to a HVR. With the collective fully down, place the cyclic in the neutral position. Increase the collective with smooth, positive pressure until the aircraft becomes light on the skids. Apply pressure and counter-pressure on pedals to ensure that the aircraft is free to ascend. While maintaining heading with the pedals, coordinate the cyclic for a vertical ascent.

CAUTION

If successful completion of the landing is doubtful, abort the maneuver. Ensure the aircraft is centered on platform, if the aircraft is not centered on the platform, return to a HVR and perform another landing.

b. Upon reaching the desired HVR altitude above the platform, perform the initial HVR check IAW the operator's and crewmember's CL.

Note: The P* should be aware of the tendency to become tense and over control the aircraft while performing platform operations. Before conducting platform operations, the crew must understand characteristics of dynamic rollover.

(Asterisks indicates a leader performance step.)

Evaluation Guidance:

Evaluation will be conducted in the aircraft.

Evaluation Preparation:

Training will be conducted in the aircraft or static system trainer.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Applied appropriate common standards.			
2. Landing from a HVR, established a HVR altitude of 3 feet +/- 1 foot above platform level.			
3. Takeoff to a HVR, established a HVR altitude of 3 feet +/- 1 foot above platform.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	LOCAL SOP	LOCAL SOP	No	No
	TM 1-1520-228-CL	OPERATORS AND CREWMEMBERS CHECKLIST FOR ARMY MODEL OH-58A/C HELICOPTER	No	No
	TM 55-1520-228-10	OPERATORS MANUAL FOR ARMY MODEL OH-58A/C HELICOPTER (REPRINTED W/BASIC INCL C1-9)	No	No

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT.

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None